

in line 15, cancel "EP 0 230 336 A1" substitute --European Patent
Application No. 0 230 336-- therefor;

in line 22, cancel "EP" substitute --European Patent Application No.--
therefor.

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On page 2, below line 15, insert a centered heading:

--SUMMARY OF THE INVENTION--;

in line 18, after "The" insert --present--;

cancel lines 21-22, substitute the following at line 21:

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10 -- This object is achieved in accordance with the present invention in a
method for producing a surface mounting optoelectronic component having a
base body, an optoelectronic transmitter/receiver that is arranged in a recess of
the base body, and an optical device that covers the recess, said method
comprising the steps of: preparing the base body with the optoelectronic
transmitter/receiver arranged in the recess; filling the recess of the prepared
15 base body with a transparent hardenable casting compound; then placing the
optical device onto the as yet uncured casting compound; and then curing the
casting compound.

20 In an embodiment, the step of preparing the base body comprises the
steps of: coating a conductor strip with a thermoplast housing while
simultaneously forming the recess of the base body into a top surface of the
thermoplast housing, a portion of said conductor strip being situated inside the
recess; mounting the optoelectronic transmitter/receiver on said portion of the
conductor strip situated inside the recess; and filling the recess of the base body
with a transparent curable casting compound having thermal characteristics
25 adapted to the thermoplast housing material.

In an embodiment, the recess of the base body is filled with the casting
compound to a level such that, during the subsequent placement of the optical
device, essentially no casting compound runs over an edge of the recess.

30 In an embodiment, the recess is filled with casting compound essentially
to the edge of the recess such that, after the recess is filled with casting

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In an embodiment, the at least partial curing of the first casting compound is by heat treatment.

In an embodiment, the at least partial curing of the second casting compound is by heat treatment.

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In an embodiment, the second casting compound is cured at a temperature of approximately 150°C.

In an embodiment, the mold half is removed from the base body at a temperature of approximately 80°C.

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a base body having a thermoplast injection housing and a coated conductor strip secured to the housing, said base body having a recess formed therein with a portion of the conductor strip situated inside the recess;

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recess;

a transparent hardenable casting compound provided in the recess, said casting compound having thermal characteristics adapted to those of the thermoplast housing material; and

5 an optical device covering the recess and cast onto the casting compound such that a seating surface of the optical device is in surface-wide contact with the casting compound.

In an embodiment, the recess comprises a ring channel surrounding the recess.

10 In an embodiment, the base body comprises a number of seating elements for seating of the optical device, said seating elements being arranged at a margin side relative to the recess.--.

On page 3, in line 9, after "The" insert --present--;
in line 12, after "The" insert --present--;
in line 18, after "the" insert --present--.

On page 4, in line 4, after "case" insert a comma;
in line 5, after the comma insert --thus--;
in line 15, cancel "depositing [sic]" substitute --placement-- therefor;
in line 16, cancel "In a further advantageous variant of the method"
20 substitute --In an embodiment-- therefor.

On page 5, in line 3, preceding "inventive" insert --present--;
in line 11, cancel "Lastly" substitute --Last-- therefor;
cancel lines 22-29, substitute the following at line 22:

--automation, enabling mass production on an industrial scale.

25 These and other features of the invention(s) will become clearer with reference to the following detailed description of the presently preferred embodiments and accompanied drawings.

DESCRIPTION OF THE DRAWINGS

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A2

Figure 1 is a perspective view of a base body with housing and conductor strip as used in the present inventive method.--.

On page 6, in line 1, cancel "Figure 2A,2B,2C" substitute --Figures 2A, 2B and 2C show-- therefor;

in line 4, cancel the semicolon substitute a period therefor;

in line 5, after "Figure 3" insert --is--;

in line 6, cancel the semicolon substitute a period therefor;

in line 7, after "Figure 4" insert --is--;

in line 8, cancel the semicolon substitute a period therefor;

in line 9, after "Figure 5" insert --shows--;

in line 10, cancel the semicolon substitute a period therefor;

in line 11, after "Figure 6" insert --is--, and cancel "; and" substitute a period therefor;

in line 12, after "Figure 7" insert --is--;

below line 13, insert a centered heading:

--DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EMBODIMENTS--;

in line 24, after "recess" insert --4--.

On page 7, in line 11, cancel "2b" substitute --2B-- therefor, and cancel the space before the comma;

in line 20, after "housing" insert --3'--, and after "compound" insert --14--;

in line 29, after "compound" insert --14--.

On page 8, in line 6, after "lens" insert --16--, and after "housing" insert --3'--;

in line 7, after "slope" insert --18--;

in line 15, after "housing" insert --3'--;

in line 16, after "housing's" insert --3'--;

in line 18, after "compound" insert --14--.

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below line 12, insert the following paragraph:

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